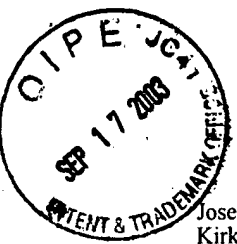


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September 15, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUBJECT: Applicant: Petrovich *et al.*
 Serial No: 10/075,754
 Filed: February 14, 2002
 For: SENSOR READOUT CIRCUIT
 Examiner: Deb, Anjan K.
 Group: 2858
 Docket No: DR-338J

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SEP 22 2003
TECHNOLOGY CENTER 2800

Dear Sir:

Enclosed is a RESPONSE in reply to the Office Action mailed June 27, 2003 in the subject application.

If for any reason this RESPONSE is found to be INCOMPLETE, or if at any time it appears that a TELEPHONE CONFERENCE with counsel would help advance prosecution, please telephone the undersigned or his associates, collect in Waltham, Massachusetts at (781) 890-5678.

If any payment during prosecution is found to be incorrect, please charge any deficiency or credit any overpayment to my Deposit Account No. 09-0002. A copy of this letter is enclosed for use by the Finance Branch in the event that it is necessary to make any charge or credit to my deposit account.

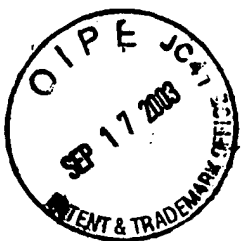
In addition, pursuant to Rule 1.136(a)(3), the Office is hereby authorized to treat any future reply requiring an extension of time as incorporating a request therefor. Also, any request or Petition for an Extension of Time notwithstanding an inadvertent reference in the Petition to a shorter period of time is to be treated as requesting the appropriate length of time.

Kindly acknowledge receipt of the foregoing by returning the enclosed self-addressed postcard.

Sincerely,

Roy J. Coleman
Reg. No. 48,863

RJC/mgt
Enclosures



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Petrovich *et al.*
Serial No: 10/075,754
Filed: February 14, 2002
For: SENSOR READOUT CIRCUIT

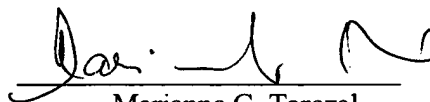
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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on September 15, 2003.


Marianne G. Tarczal

RESPONSE

This Response is in reply to the Office Action mailed June 27, 2003 in the subject application.

REMARKS

The applicants appreciate the Examiner's thorough examination of the application and requests reexamination and reconsideration of the application in view of the following remarks.

The Examiner rejects claims 1-6, 15-17, 21-28 and 30-32 under 35 U.S.C. §102(b) as being anticipated by Sauerland (U.S. Patent No. 3,840,804).

The applicants' claimed sensor readout circuit as recited in independent claims 1, 17, and 21 includes: 1) a phase detector circuit responsive to an output signal from a sensor and an input signal to the sensor and configured to detect the phase difference between the input